

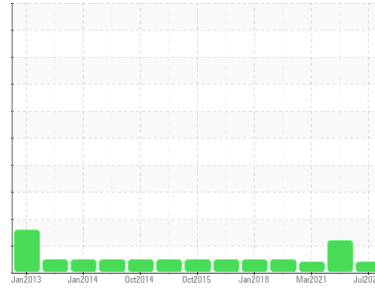


PROBLEM SUMMARY



Area
AMR-Sedalia
 Machine Id
LIEBHERR A924C 061732-1049
 Component
Transmission
 Fluid
SHELL ROTELLA T 15W40 (3 QTS)

Sample Rating Trend



VIS DEBRIS



COMPONENT CONDITION SUMMARY

No relevant graphs to display

RECOMMENDATION

No corrective action is recommended at this time.
 Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

Sample Status	ABNORMAL	ABNORMAL	ABNORMAL
Debris	▲ MODER	NONE	▲ MODER

Customer Id: ADVSED
Sample No.: DJJ0018435
Lab Number: 05904024
Test Package: CONST



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Don Baldrige +1
don.b505@comcast.net

To change component or sample information:
 Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

21 Jul 2022 Diag: Don Baldrige

VISUAL METAL



The fluid change at the time of sampling has been noted. We advise that you inspect for the source(s) of metal. Resample at the next service interval to monitor. Moderate concentration of visible metal present. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

view report



24 Mar 2021 Diag: Don Baldrige

VIS DEBRIS



The fluid change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.

view report



11 Jun 2020 Diag: Don Baldrige

NORMAL



Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

view report



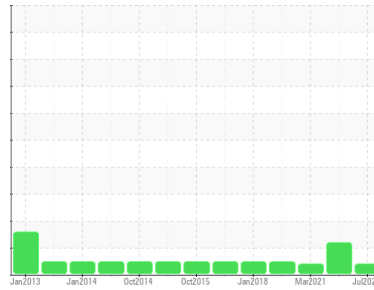


OIL ANALYSIS REPORT



Area
AMR-Sedalia
 Machine Id
LIEBHERR A924C 061732-1049
 Component
Transmission
 Fluid
SHELL ROTELLA T 15W40 (3 QTS)

Sample Rating Trend



VIS DEBRIS



DIAGNOSIS

▲ Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

▲ Contamination

Moderate concentration of visible dirt/debris present in the fluid.

Fluid Condition

The condition of the fluid is acceptable for the time in service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		DJJ0018435	DJJ0014007	DJJ036058
Sample Date	Client Info		14 Jul 2023	21 Jul 2022	24 Mar 2021
Machine Age	hrs	Client Info	8687	8179	7137
Oil Age	hrs	Client Info	0	1000	1000
Oil Changed	Client Info		Not Chngd	Changed	Changed
Sample Status			ABNORMAL	ABNORMAL	ABNORMAL

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >200	24	15	24
Chromium	ppm	ASTM D5185m >10	0	<1	<1
Nickel	ppm	ASTM D5185m	0	0	0
Titanium	ppm	ASTM D5185m	<1	<1	2
Silver	ppm	ASTM D5185m	0	<1	<1
Aluminum	ppm	ASTM D5185m >50	3	2	2
Lead	ppm	ASTM D5185m >50	0	<1	<1
Copper	ppm	ASTM D5185m >200	16	14	21
Tin	ppm	ASTM D5185m >10	0	<1	1
Antimony	ppm	ASTM D5185m	---	---	0
Vanadium	ppm	ASTM D5185m	0	0	0
Cadmium	ppm	ASTM D5185m	0	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 316	374	344	316
Barium	ppm	ASTM D5185m 0.0	0	0	0
Molybdenum	ppm	ASTM D5185m 1.2	44	42	32
Manganese	ppm	ASTM D5185m	2	2	3
Magnesium	ppm	ASTM D5185m 24	197	199	157
Calcium	ppm	ASTM D5185m 2292	1922	1896	2088
Phosphorus	ppm	ASTM D5185m 1064	1038	963	1129
Zinc	ppm	ASTM D5185m 1160	1133	1132	1246
Sulfur	ppm	ASTM D5185m 4996	3584	4152	3353

CONTAMINANTS

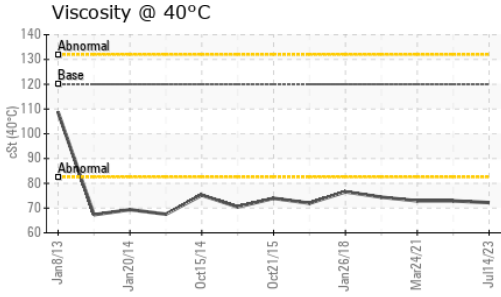
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	11	4	2
Sodium	ppm	ASTM D5185m	1	3	6
Potassium	ppm	ASTM D5185m >20	5	3	3

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	▲ MODER	NONE
Yellow Metal	scalar	*Visual NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual NONE	NONE	NONE	NONE
Silt	scalar	*Visual NONE	NONE	NONE	NONE
Debris	scalar	*Visual NONE	▲ MODER	NONE	▲ MODER
Sand/Dirt	scalar	*Visual NONE	NONE	NONE	NONE
Appearance	scalar	*Visual NORML	NORML	NORML	NORML
Odor	scalar	*Visual NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual >0.1	NEG	NEG	NEG
Free Water	scalar	*Visual	NEG	NEG	NEG



OIL ANALYSIS REPORT



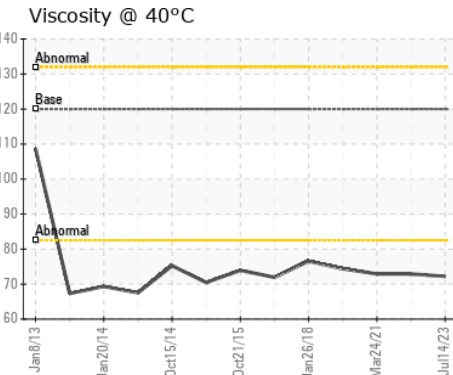
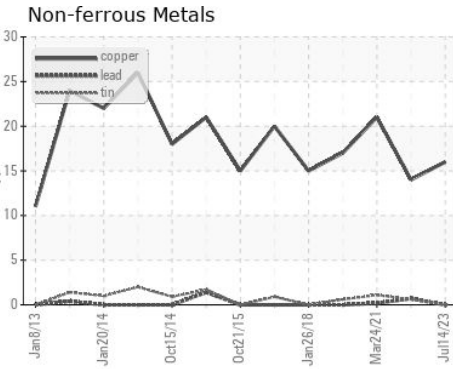
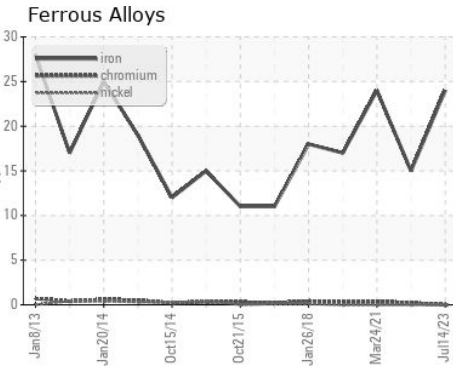
FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445	120. 72.2	72.9	72.9

SAMPLE IMAGES

method	limit/base	current	history1	history2
Color			no image	no image
Bottom			no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : DJJ0018435 **Received** : 20 Jul 2023
Lab Number : **05904024** **Diagnosed** : 24 Jul 2023
Unique Number : 10565380 **Diagnostician** : Don Baldrige
Test Package : CONST

ADVANTAGE METALS RECYCLING - SEDALIA
 300 N IRON AVE
 SEDALIA, MO
 US 65301
 Contact: SCOTT TUTTLE
 scott.tuttle@advantagerecycling.com
 T: (660)827-1873
 F: (660)827-5304

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)